Design iGuzzini

iGuzzini

Last information update: March 2025

Product configuration: E157+X209.04

E157: Recessed floor luminaire Earth D=250 mm - Neutral White - Flood optic - DALI

X209.04: Plastic casing for installation on floors + end cap - Black



Product code

E157: Recessed floor luminaire Earth D=250 mm - Neutral White - Flood optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=250 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, OPTI BEAM aluminium reflector and black plastic cover. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.



The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.



 Colour
 Weight (Kg)

 Steel (13)
 4.98

Mounting

Floor recessed|ground recessed

Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear.

Notes

IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations

IK10 IP68 IP68 Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to



Accessory code

X209.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

 Colour
 Weight (Kg)

 Black (04)
 1.9

horizontal stresses due to acceleration, braking and / or changes of direction.

Mounting

ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations



Technical data					
lm system:	2483	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		
W system:	21	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)		
Im source:	3190	Lamp code:	LED		
W source:	18	Number of lamps for optical	1		
Luminous efficiency (Im/W,	118.2	assembly:			
real value):		ZVEI Code:	LED		
Im in emergency mode:	-	Number of optical	1		
Total light flux at or above	2483	assemblies:			
an angle of 90° [Lm]:			from -25°C to 50°C.		
Light Output Ratio (L.O.R.) [%]:	78	ambiente:			
		Power factor:	See installation instructions		
Beam angle [°]:	32°	Inrush current:	10 A / 200 μs		
CRI (minimum):	80	Maximum number of			
Colour temperature [K]:	4000	luminaires of this type per	B10A: 18 luminaires B16A: 30 luminaires		
MacAdam Step:	2	miniature circuit breaker:			
			C10A: 31 luminaires C16A: 51 luminaires		
		Over reltance protections			
		Overvoltage protection:	5kV Common mode & 4kV Differential mode		
		Control:	DALI-2		

Polar

Polal				
Imax=7827 cd	Lux			
180°	h	d	Em	Emax
	8	4.6	100	122
	16	9.2	25	31
90° 90°	24	13.8	11	14
6000 0° 0° α=32°	32	18.4	6	8